

Destro's guide to Defuse and Dispose of a Tripwire Anti-Personnel Mine

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Firstly let's set a definition of a Tripwire Anti-Personnel Mine, how they are used, and initiated

The definition:

A trip wire anti-personnel mine is a type of land mine that is designed to be triggered by the movement of a tripwire that is stretched across a specific area. When an unsuspecting person encounters the tripwire, it triggers the explosion of the mine, which can cause severe injury or death.

How they are used and initiated:

The mine is usually buried underground and connected to a firing mechanism that is activated when the tripwire is triggered. The firing mechanism usually consists of a spring-loaded striker, which hits a percussion cap and ignites the explosive charge in the mine.

Trip wire anti-personnel mines are designed to be used in defensive positions, such as in the perimeter of military bases or in other areas where security is a concern. They are particularly effective in areas

where it is difficult to see approaching enemies, such as in dense forests or in areas with poor visibility.



PMR-2 Fragmentation Mine

This here is the PMR-2 Fragmentation Mine, used throughout lots of conflicts but most popular was the Yugoslavian war

As you can see, it is a grenade that has had its spoon removed and now has a modified ignition system which is simply a retracted spring holding a striker that hit's a primer, detonating the compound inside and send a wave of devastating fragmentation into those in its blast zone

It also has a wooden stake at the bottom to allow the personnel to place it down further into the dirt allowing better concealment, it also offers support for when the tripwire has been activated.

Regarding tripwire's, we can see at the top there is a pin with a hole, this is where the tripwire would be attached, the other end would be secured to the other side of the path, footway, etc.

So how can we Defuse and Dispose?

Well, we will need the help of some advanced EOD tools, but the actual piece of equipment used to trigger the mine can be made for less than \$10/£10

The tool being an Anti-Personnel Mine Pull Line with Hook

You need two things

Foundry Hook with eyelet

550 Paracord

Instruction:

Simply feed the 550 paracord into the eyelet of the hook and fasten tightly with a knot.

And that is it! It is made

Equipment:

Anti-Personnel Mine Pull Line with Hook

Safety goggles

Safety gloves

Protective suit

Wire cutter

Probe

Metal detector

Instructions:

Put on your safety goggles, safety gloves, and protective suit. Safety equipment is critical in explosive ordnance disposal (EOD) work, as it helps to protect you from shrapnel and other debris that can result from explosions.

Survey the area where the anti-personnel mine is located and use a metal detector to locate the mine. Before approaching the mine, it's important to use a metal detector to identify its location. Sweep the area slowly and carefully and take note of any signals indicating the presence of a mine.

Use a probe to confirm the location of the mine and determine the best way to approach it. Once you have identified the location of the mine using the metal detector, use a probe to confirm its presence and determine the best way to approach it. This will help you to determine the safest and most effective method for disarming and removing the mine.

Once you have located the mine, use wire cutters to cut the pull line and disable the mine. Before attempting to remove the mine, it's important to disable it to prevent any accidental detonation. Use wire cutters to cut the pull line and ensure that the mine is fully disarmed.

Once the mine is disabled, use the remote pull line with hook to remove it from the ground. The hook should be securely attached to the mine, and the line should be taught. Slowly and carefully pull the mine away from the area. Ensure that you maintain a safe distance from the mine and avoid any sudden movements.

Dispose of the mine and any other materials used in the process in a safe and secure manner. Proper disposal of explosives is critical to preventing accidents and ensuring public safety. Make sure to follow all established protocols and dispose of the materials in a manner that is safe and responsible.

Now let's change the scenario where you cannot dispose of it and need to defuse it, via detonation

Follow the same method before of locating with the metal detector and probing but this time we are going to use the Hook and Line to detonate the mine

Anti-Personnel Mine Remote Pull Line with Hook

Safety gear, including gloves and eye protection

Instructions:

Identify the location of the trip wire anti-personnel mine that you wish to detonate. Exercise caution when approaching the mine and ensure that you are at a safe distance.

Uncoil the Anti-Personnel Mine Remote Pull Line with Hook and remove any knots or tangles in the line.

Use the hook at the end of the line to carefully hook the trip wire of the anti-personnel mine. It's important to ensure that the hook is securely attached to the wire.

Step back from the mine, making sure that you are out of the blast radius. The recommended safe distance from the mine is at least 100 meters.

Pull the Anti-Personnel Mine Remote Pull Line with Hook sharply and quickly, ensuring that you are out of the blast radius. This will activate the firing mechanism of the mine, causing it to detonate.

Observe the explosion from a safe distance, making sure that you are out of the blast radius. Wait for any remaining debris to settle before approaching the area.